

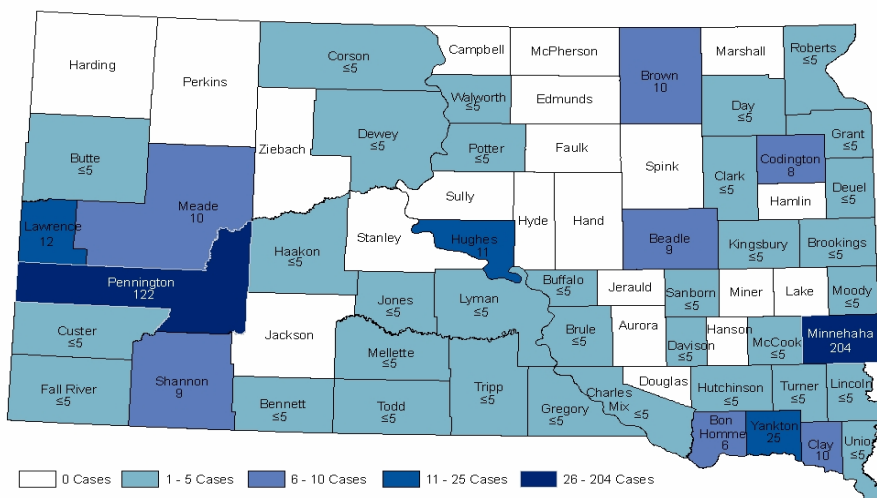
# South Dakota HIV/AIDS Surveillance Report January 2007

Five hundred and twenty nine cumulative cases of HIV/AIDS were reported to the South Dakota Department of Health from 1985 through December 2006. Thirty - four new HIV/AIDS cases were reported from January 1, 2006 through December 31, 2006. Twenty two of these cases were male and 12 cases were female.

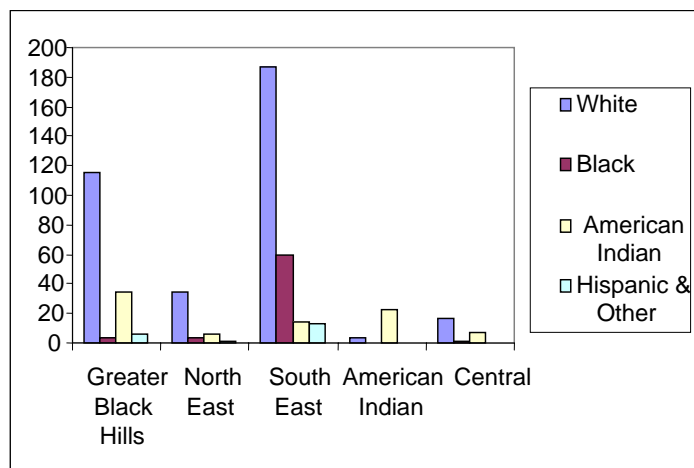
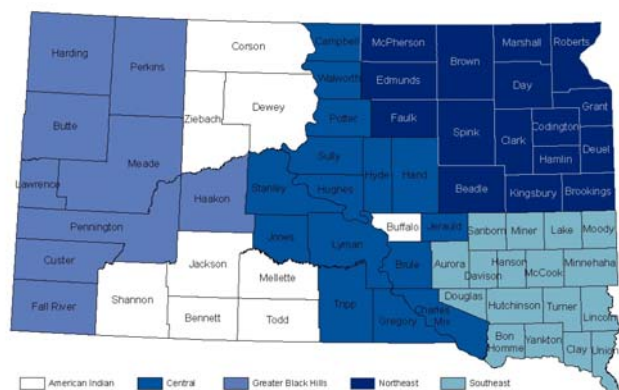
There are an estimated 325 people living with HIV/AIDS in

South Dakota, 71% male and 29% female. Blacks and Native Americans are disproportionately affected by HIV/AIDS with Blacks comprising 19% of the living cases and American Indians 16%, compared to their comprising <1% and 9% of the population, respectively.

**South Dakota Residents Reported Infected with HIV/AIDS: Cumulative Cases by County, 1985 - 2006**



**South Dakota Residents Reported Infected with HIV/AIDS: Cumulative Cases by Region and Race, 1985-2006.**



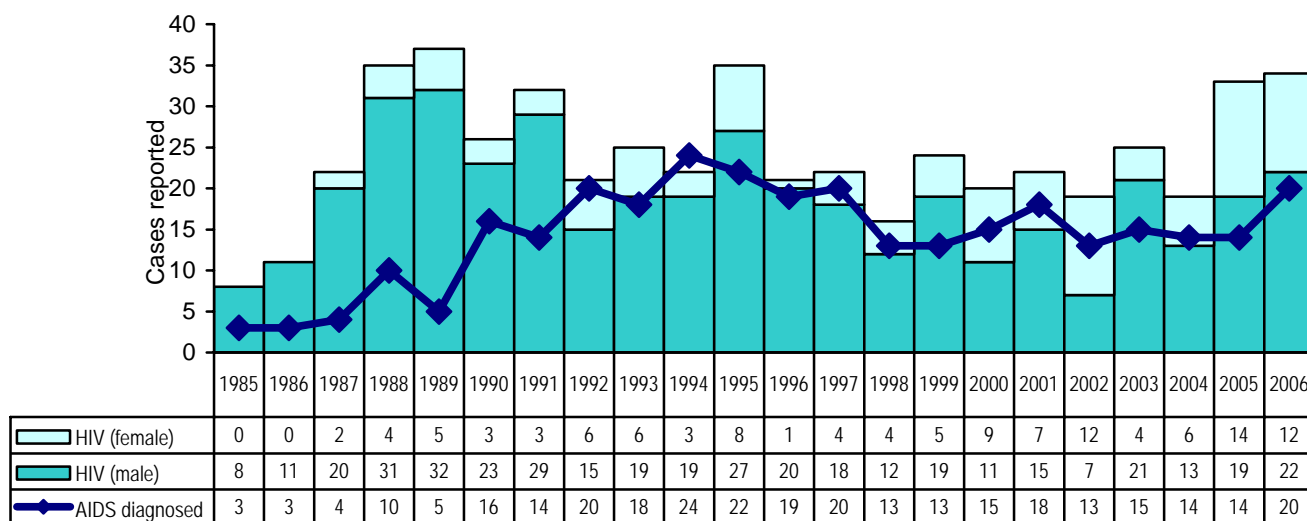
### South Dakota HIV/AIDS Cumulative Statistics, 1985 – 2006

Residents reported infected with HIV since 1985 .....	529
Residents currently living with HIV/AIDS .....	325
Male residents currently living with HIV/AIDS .....	232
Female residents currently living with HIV/AIDS .....	93
Residents reported who have been diagnosed with AIDS .....	313
Residents infected with HIV who have died (of all causes) .....	152
Residents who have been diagnosed with AIDS and have died .....	139
South Dakota AIDS Fatality Rate.....	44%
Out-of-state AIDS cases who have died in South Dakota .....	61
2005 South Dakota AIDS incidence (cases per 100,000 residents).....	2.4

### United States Cumulative AIDS Statistics through December 2005

AIDS Cases Reported in the United States .....	956,019
AIDS Deaths Reported in the United States .....	550,394
AIDS Fatality Rate in the United States .....	58%

### South Dakota Residents Diagnosed by Gender with HIV and AIDS, 1985-2006

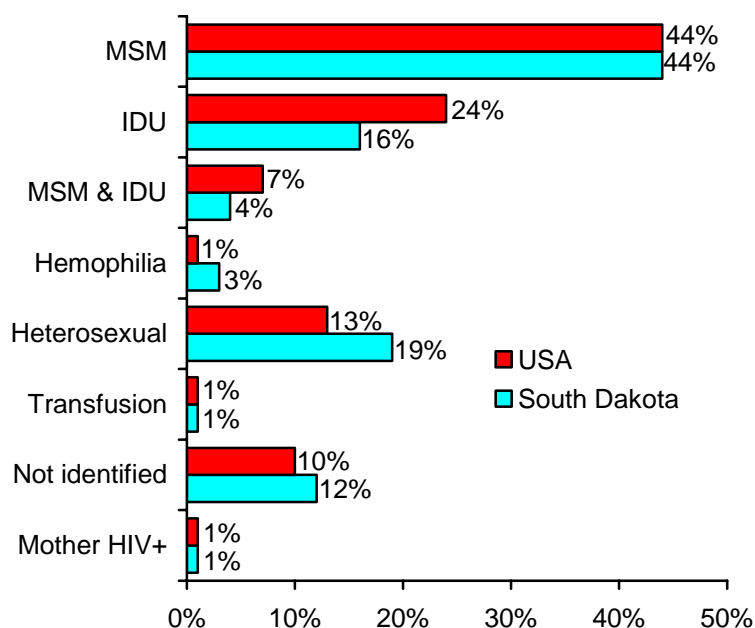


At the end of 2006, 529 SD residents had been reported as infected with HIV (411 male, 118 female) and 313 of those had also been diagnosed with AIDS. Some cases may have been reported as an HIV case in a different year than they were diagnosed with AIDS.

### HIV/AIDS cases reported by race/ethnicity, sex, and age, SD, 1985-2006

Age at diagnosis	White		American Indian		Black		Hispanic & other		All groups		Total
	Male	Female	Male	Female	Male	Female	Male	Female	M	F	
Under 5 yrs	2	1	1	2	0	1	1	0	4	4	8
5-12 yrs	3	0	1	0	0	1	0	0	4	1	5
13-19 yrs	10	2	0	2	2	1	1	1	13	6	19
20-29 yrs	77	22	15	7	13	10	7	1	112	40	152
30-39 yrs	130	16	20	9	16	11	3	0	169	36	205
40-49 yrs	51	9	12	4	5	2	2	1	70	17	87
50-59 yrs	20	5	7	4	2	2	1	2	30	13	43
≥60 yrs	8	0	1	0	0	1	0	0	9	1	10
Sub- Total	301	56	57	28	38	29	15	5	411	118	529
Total	357		85		67		20		529		

### HIV AIDS Cases by Exposure Category\*, SD\*\* & USA\*\*\*



\*MSM (men who have sex with men)

\*IDU (injection drug user)

\*\*South Dakota HIV/AIDS cases 1985-2006

\*\*\*US AIDS cases through 2005

Sometimes 2 or more exposures are reported for one case.  
This table is consistent with the CDC hierarchy of exposures.

### South Dakotans living with HIV/AIDS (n=325)

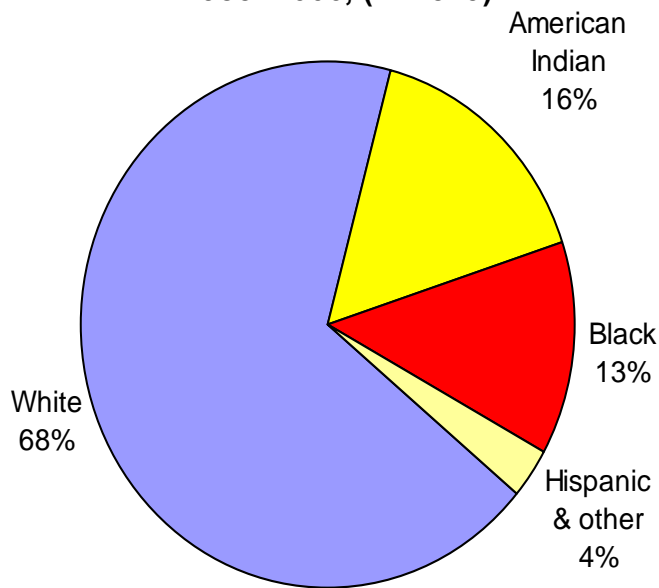
GENDER	Cases	Percent
Male	232	71%
Female	93	29%
Total	325	100%

RACE	Cases	Percent
White	199	61%
American Indian	52	16%
Black	60	19%
Hispanic & Other	14	4%
Total	325	100%

AGE	Cases	Percent
0-12 years	4	1%
13-19 years	3	1%
20-29 years	33	10%
30-39 years	88	27%
40-49 years	120	37%
50+ years	77	24%
Total	325	100%

RISK	Cases	Percent
MSM	116	36%
Injection drug use	55	17%
MSM and IDU	8	3%
Heterosexual	82	25%
Transfusion	2	1%
Hemophilia	10	3%
Mother HIV+	6	1%
No risk identified	46	14%
Total	325	100%

### SD HIV/AIDS Cases by Race/Ethnicity, 1985- 2006, (n = 529)



### South Dakota Residents Reported with Associated Diseases, 1994-2006

Diseases	Year	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
HIV/AIDS		35	24	25	17	27	22	22	21	25	19	33	34
Chlamydia trachomatis infections		1317	1538	1439	1573	1554	1835	1821	2214	2606	2532	2703	2633
Gonorrhea		244	176	172	221	192	277	289	263	226	304	351	367
Syphilis, Early		0	0	1	1	0	0	1	0	2	0	2	19
Chancroid		0	0	0	0	0	0	0	0	0	0	0	0

#### Department of Health Confidential HIV Testing Centers

For testing and counseling for HIV/AIDS and other sexually transmitted diseases, contact one of the following sites or call **1-800-592-1861**.

##### Aberdeen

402 S. Main St.  
Aberdeen, SD 57401-4127  
605-626-2373  
1-866-805-1007 toll-free

##### Rapid City

909 E. St. Patrick, Suite 7  
Rapid City, SD 57701  
605-394-2289  
1-866-474-8221 toll free

##### Watertown

913 5th St. SE  
Watertown, SD 57201-5134  
605-882-5096  
1-866-817-4090 toll free

##### Sioux Falls

1200 N. West Ave.  
Sioux Falls, SD 57104  
605-367-5365  
1-866-315-9214 toll free

##### Pierre

302 E Dakota  
Pierre, SD 57501-3133  
605-773-5348  
1-866-229-4927 toll free

##### Dupree

Ziebach County Court House  
Dupree, SD 57623-0068  
605-365-5164

**National AIDS Hotline**  
**1-800-342-2437**

Sexually transmitted diseases (STDs) and bloodborne diseases are a reliable indicator of high-risk behavior (i.e., unprotected sexual intercourse) within populations and may increase the infectiousness of HIV.

AIDS has been a reportable disease in the U.S. and South Dakota since 1985. HIV infection without an AIDS diagnosis has been reportable in South Dakota since 1988. The tables and graphs provide information concerning South Dakota residents reported with HIV infection (non-AIDS) and AIDS.

The SD HIV/AIDS Surveillance Report is published semi-annually. Data contained in this report are provisional.

Percentages may not equal 100% due to rounding.

Questions regarding the surveillance report may be directed to Christine Olson (1-800-592-1861 or 605-773-3737). This report is available on the SD Department of Health website at [www.state.sd.us/doh/disease/stats.htm](http://www.state.sd.us/doh/disease/stats.htm) or write to HIV Surveillance, 615 East 4<sup>th</sup> Street, Pierre, SD 57501. For HIV/AIDS information 24 hours a day call 1-800-342-2437 or see [www.cdc.gov/nchstp/hiv\\_aids/dhap.htm](http://www.cdc.gov/nchstp/hiv_aids/dhap.htm).

South Dakota Department of Health HIV/AIDS website:  
[www.state.sd.us/doh/Pubs/HIVhow.htm](http://www.state.sd.us/doh/Pubs/HIVhow.htm)

Centers for Disease Control and Prevention HIV/AIDS website:  
[www.cdc.gov/hiv/dhap.htm](http://www.cdc.gov/hiv/dhap.htm)